

Specifications

Patent Application – Utility Patent, non provisional

Title of Invention

Household outdoor gas cooking stove with an enclosure to provide wind shielding during cooking and protect stove and cooking apparatus while not in use

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Background of the Invention:

This invention is to use the outdoor barbeque grill like shell as an enclosure for a gas stove and cooking apparatus such as a wok and a frying pan. Cooking methods such as stir-fry, pan-fry and deep-fry are likely to generate large amount of oily steam, smoke, and strong smells that is sometimes not desired inside of an average American home. The cooking odor from food groups such as seafood and other gamy or strong smell foods are also not desired. Applying the aforementioned types of cooking methods and cooking of these food groups outdoors would be much more desired. In order to improve the outdoor cooking experience, an enclosure to block the wind during cooking is essential as wind may decreased or extinguish the cooking flame with ordinary outdoor gas stove. The enclosure also includes a lid that can protect the cooking stove and wok or pan from rain, wind, snow and other natural elements while the unit is not in use. Average American homes do not have powerful enough range hood to evacuate the oily steam, smoke, and odor out of the house efficiently therefore outdoor cooking appliance as described can be well received. This cooking appliance also equipped with wheels for maneuverability and shelves to accommodate plates and food items.

Summary of the Invention

This invention is to utilize the barbeque grill like enclosure of all shapes housing over a powerful gas stove and wok or pan. This unit is for household daily use that can fulfill the desire of cooking enthusiasts. The enclosure protects the flame from wind during cooking so it can remain near constant power output of the gas stove. The enclosure's upper lid can protect the stove and wok or pan from rain, wind, snow and other natural elements when the unit is not in use. The holes in the bottom of the enclosure can act as additional air intake holes for the gas stove and provide drainage for liquids. The stove is more powerful than the indoor range stoves to achieve the high heat that is desired for stir fry or other cooking methods. These advantages along with wheels and shelves make this unit an all-around outdoor cooking station.